U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE (REV. 10-2003) ATTORNEY'S DOCKET NUMBER 10191/3819 TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) U.S. APPLICATION NO. (If known, see 37 CFR 1.5) **CONCERNING A FILING UNDER 35 U.S.C. 371** /523252 INTERNATIONAL APPLICATION NO. INTERNATIONAL FILING DATE PRIORITY DATES CLAIMED: PCT/DE03/02145 27 June 2003 26 July 2002 07 December 2002 (26.07.02)(27.06.03)(07.12.02)TITLE OF INVENTION **GMR SENSOR ELEMENT AND ITS USE** APPLICANT(S) FOR DO/EO/US Peter SCHMOLLNGRUBER, Ingo HERRMANN, Henrik SIEGLE, Hartmut KITTEL, Paul FARBER, and Ulrich MAY Applicants herewith submit to the United States Designated/Elected Office (DO/EO/US) the following items and other information: 1. X This is a FIRST submission of items concerning a filing under 35 U.S.C. 371. 2. This is a SECOND or SUBSEQUENT submission of items concerning a filing under 35 U.S.C. 371. 3. 🗷 This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below. 4. 🗷 The US has been elected (Article 31). 5. 🗷 A copy of the International Application as filed (35 U.S.C. 371(c)(2)) a. \square is attached hereto (required only if not communicated by the International Bureau). b. E has been communicated by the International Bureau. c. \square is not required, as the application was filed in the United States Receiving Office (RO/US). 6. × An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)). a. Bis attached hereto. b. ☐ has been previously submitted under 35 U.S.C. 154(d)(4). 7. × Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3)) a \square are attached hereto (required only if not communicated by the International Bureau). b. \square have been communicated by the International Bureau. c. \square have not been made; however, the time limit for making such amendments has NOT expired. d. Ehave not been made and will not be made. 8. An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)). 9. 🗷 An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)) (unsigned) 10. 🗆 An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)). Items 11 to 20 below concern document(s) or information included: 11.× An Information Disclosure Statement under 37 CFR 1.97 and 1.98. 12. 🗖 An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included. 13.⊠ A preliminary amendment. 14. 🗆 An Application Data Sheet under 37 CFR 1.76. 15.⊠ A Substitute Specification, and a mark-up copy thereof. 16. 🗆 A power of attorney and/or change of address letter. 17. 🗆 A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821 - 1.825. 18. 🗆 A second copy of the published international application under 35 U.S.C. 154(d)(4). 19. 🗆 A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).

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Other items or information: International Search Report (translated), and Form PCT/RO/101.

BASIC NATIONAL FEE (37 CFR 1.492(a)(1)-(5)): National Stage Search Fee	U.S. APPLICATION NO	S. APPLICATION (if known 2537 FR 15) INTERNATIONAL APPLICATION NO. PCT/DE03/02145		CATION NO.	ATTORNEY'S DOCKET NUMBER 10191/3819		
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FORM PTO-1390 (REV 10-2003)